

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5731678").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/17 22:33
L2	32	rosenstein-michael.in. shenderovich-alex.in. schweitzer-marc.in. lavitsky-ilya.in. lau-alvin.in. feltsman-michael.in.	US-PGPUB; USPAT	OR	ON	2006/03/17 22:34
L3	4	2 and hinge	US-PGPUB; USPAT	OR	ON	2006/03/17 22:35
L4	64	(US-20020117262-\$ or US-20020011268-\$ or US-20010045262-\$ or US-20030102085-\$ or US-20020007785-\$ or US-20030131794-\$ or US-20020189940-\$ or US-20020108571-\$ or US-20040173162-\$).did. or (US-5980706-\$ or US-5168887-\$ or US-5562473-\$ or US-6198299-\$ or US-6203582-\$ or US-5912555-\$ or US-6194733-\$ or US-5985126-\$ or US-6050446-\$ or US-4416102-\$ or US-6776848-\$ or US-5906683-\$ or US-6263542-\$ or US-5731678-\$ or US-5232511-\$ or US-5072257-\$ or US-5407361-\$ or US-5398812-\$ or US-6019843-\$ or US-6016765-\$ or US-6517634-\$ or US-4475977-\$ or US-6001234-\$ or US-6176198-\$ or US-6183563-\$ or US-6035804-\$).did. or (US-6371174-\$ or US-6273955-\$ or US-6523563-\$ or US-6278610-\$ or US-5900103-\$ or US-5932295-\$ or US-6264788-\$ or US-6358388-\$ or US-6098637-\$ or US-5942042-\$ or US-5863396-\$ or US-6409896-\$ or US-6051113-\$ or US-5487822-\$ or US-6432203-\$ or US-5803970-\$ or US-6042707-\$ or US-5518593-\$ or US-6344419-\$ or US-6221221-\$ or US-6009667-\$ or US-6565662-\$ or US-6469448-\$).did. or (JP-03135775-\$).did. or (KR-2002008651-\$ or JP-10175695-\$ or EP-349771-\$ or US-20020117262-\$ or US-20010006094-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/03/17 22:38
S1	73	156/345\$.ccls. and (hinge same (lid cover))	US-PGPUB; USPAT	OR	ON	2004/03/31 15:10
S2	555	(204/298.12).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/31 15:36
S3	0	S2 and (hinge with (lid cover))	US-PGPUB; USPAT	OR	ON	2004/03/31 15:36
S4	6	S2 and (hinge)	US-PGPUB; USPAT	OR	ON	2004/03/31 15:36
S5	1082	(118/726).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/11/21 15:31
S6	6	((118/726).CCLS.) and (target with (lid cover))	US-PGPUB; USPAT	OR	ON	2004/03/31 15:08
S7	226	"118"/\$.ccls. and (hinge with (lid cover))	US-PGPUB; USPAT	OR	ON	2003/06/19 18:06
S8	107	"118"/\$.ccls. and (target with (lid cover))	US-PGPUB; USPAT	OR	ON	2003/06/19 18:06
S9	0	"6565662".URPN.	USPAT	OR	ON	2003/06/19 18:18
S10	2	("5912555" "6035804").PN.	USPAT	OR	ON	2003/06/19 18:18
S11	270	"118"/\$.ccls. and (hinge same (lid cover))	US-PGPUB; USPAT	OR	ON	2003/06/19 18:59
S12	3	("5565034" "5591262" "5762708").PN.	USPAT	OR	ON	2003/06/19 18:40
S13	4	"6019843".URPN.	USPAT	OR	ON	2003/06/19 18:41
S14	12	("1101521" "1181403" "3593365" "4839941" "5068765" "5350479" "5784749" "5873149" "6009667" "6047445" "6050446" "6273955").PN.	USPAT	OR	ON	2003/06/19 18:50

EAST Search History

S15	23	(156/345\$.ccls. and (hinge same (lid cover))) not ("118"/\$.ccls. and (hinge same (lid cover)))	US-PGPUB; USPAT	OR	ON	2003/06/19 19:07
S16	4	c23c016\$.ipc. and (hinge same (lid cover))	EPO; JPO; DERWENT	OR	ON	2003/06/19 18:58
S17	15	c23c016\$.ipc. and (target same (lid cover))	EPO; JPO; DERWENT	OR	ON	2003/06/19 18:57
S18	71	(hinge same (lid cover) same (substrate wafer semiconductor) same (chamber body))	EPO; JPO; DERWENT	OR	ON	2003/06/19 18:59
S19	185	(hinge same (lid cover) same (substrate wafer semiconductor) same (chamber body))	US-PGPUB; USPAT	OR	ON	2003/06/19 19:07
S20	124	((hinge same (lid cover) same (substrate wafer semiconductor) same (chamber body))) not ((156/345\$.ccls. and (hinge same (lid cover))) ("118"/\$.ccls. and (hinge same (lid cover))))	US-PGPUB; USPAT	OR	ON	2003/06/19 19:08
S21	27	("3789875" "4340462" "4355937" "4483654" "4593915" "4650207" "4715764" "4721282" "4747577" "4753417" "4795299" "4804086" "4917556" "5002255" "5003347" "5072257" "5076205" "5100276" "5120019" "5150882" "5383338" "5667197" "5697749" "5769952" "5771540" "5787549" "5902088").PN.	USPAT	OR	ON	2003/06/19 19:18
S22	0	"6263542".URPN.	USPAT	OR	ON	2003/06/19 19:20
S23	1	("6263542").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/06/20 10:50
S24	14	("1033448" "2070663" "2923430" "3195873" "3269587" "4169538" "4516689" "4788999" "4853985" "4951601" "4961601" "5205532" "5513768" "5731678").PN.	USPAT	OR	ON	2003/06/20 11:02
S25	21	("5004399" "5046914" "5061144" "5168886" "5168887" "5180273" "5202716" "5224503" "5232511" "5235995" "5238500" "5301700" "5332445" "5339128" "5442416" "5445172" "5500081" "5544421" "5547515" "5566076" "5642298").PN.	USPAT	OR	ON	2003/06/20 11:04
S26	14	("4161356" "4339297" "4429983" "4457419" "4519846" "4588185" "4601627" "4651440" "4724317" "4788994" "4856641" "4871417" "4923054" "4960406").PN.	USPAT	OR	ON	2003/06/20 11:05
S27	18	"5168887".URPN.	USPAT	OR	ON	2003/06/20 11:06
S28	14	("4161356" "4339297" "4429983" "4457419" "4519846" "4588185" "4601627" "4651440" "4724317" "4788994" "4856641" "4871417" "4923054" "4960406").PN.	USPAT	OR	ON	2003/06/20 11:07
S29	1	("6565662").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/06/20 11:45
S30	2	("5912555" "6035804").PN.	USPAT	OR	ON	2003/06/20 11:30
S31	1	("6273955").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/06/20 15:02
S32	59630	(lid closure top cover) with (locat\$3 align\$4) with (pin dowel shaft device structure)	US-PGPUB; USPAT	OR	ON	2003/06/20 15:05
S33	1188	(lid closure top cover) with (locat\$3 align\$4) with (pin dowel shaft) with chamber	US-PGPUB; USPAT	OR	ON	2003/06/20 15:06
S34	30637	(lid closure top cover) with (locat\$3 align\$4) with (pin dowel shaft) witht bushing with chamber	US-PGPUB; USPAT	OR	ON	2003/06/20 15:07
S35	27	(lid closure top cover) with (locat\$3 align\$4) with (pin dowel shaft guide) with bushing with chamber	US-PGPUB; USPAT	OR	ON	2003/06/20 15:56
S36	12	(expand\$3 adjust\$3) with (slit) with (pin dowel shaft guide) with bushing	US-PGPUB; USPAT	OR	ON	2003/06/20 15:57

EAST Search History

S37	52	(US-6432203-\$ or US-6409896-\$ or US-6098637-\$ or US-5803970-\$ or US-5518593-\$ or US-6035804-\$ or US-5912555-\$ or US-6523563-\$ or US-6517634-\$ or US-6371174-\$ or US-6273955-\$ or US-6264788-\$ or US-6183563-\$ or US-6176198-\$ or US-6019843-\$ or US-6016765-\$ or US-5906683-\$ or US-5900103-\$ or US-5398812-\$ or US-6050446-\$ or US-6009667-\$ or US-4475977-\$ or US-6278610-\$ or US-6263542-\$ or US-5932295-\$ or US-5562473-\$).did. or (US-5407361-\$ or US-5072257-\$ or US-5731678-\$ or US-5168887-\$ or US-5980706-\$ or US-5985126-\$ or US-6001234-\$ or US-6203582-\$ or US-6358388-\$ or US-5232511-\$ or US-6565662-\$ or US-6194733-\$ or US-6198299-\$ or US-4416102-\$).did. or (US-20020108571-\$ or US-20020117262-\$ or US-20020007785-\$ or US-20010045262-\$ or US-20030102085-\$ or US-20020011268-\$).did. or (JP-03135775-\$).did. or (US-20020117262-\$ or US-20010006094-\$ or KR-2002008651-\$ or JP-10175695-\$ or EP-349771-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/06/20 17:11
S38	10	((US-6432203-\$ or US-6409896-\$ or US-6098637-\$ or US-5803970-\$ or US-5518593-\$ or US-6035804-\$ or US-5912555-\$ or US-6523563-\$ or US-6517634-\$ or US-6371174-\$ or US-6273955-\$ or US-6264788-\$ or US-6183563-\$ or US-6176198-\$ or US-6019843-\$ or US-6016765-\$ or US-5906683-\$ or US-5900103-\$ or US-5398812-\$ or US-6050446-\$ or US-6009667-\$ or US-4475977-\$ or US-6278610-\$ or US-6263542-\$ or US-5932295-\$ or US-5562473-\$).did. or (US-5407361-\$ or US-5072257-\$ or US-5731678-\$ or US-5168887-\$ or US-5980706-\$ or US-5985126-\$ or US-6001234-\$ or US-6203582-\$ or US-6358388-\$ or US-5232511-\$ or US-6565662-\$ or US-6194733-\$ or US-6198299-\$ or US-4416102-\$).did. or (US-20020108571-\$ or US-20020117262-\$ or US-20020007785-\$ or US-20010045262-\$ or US-20030102085-\$ or US-20020011268-\$).did. or (JP-03135775-\$).did. or (US-20020117262-\$ or US-20010006094-\$ or KR-2002008651-\$ or JP-10175695-\$ or EP-349771-\$).did.) and target	US-PGPUB; USPAT	OR	ON	2003/06/20 17:12
S39	7	((US-6432203-\$ or US-6409896-\$ or US-6098637-\$ or US-5803970-\$ or US-5518593-\$ or US-6035804-\$ or US-5912555-\$ or US-6523563-\$ or US-6517634-\$ or US-6371174-\$ or US-6273955-\$ or US-6264788-\$ or US-6183563-\$ or US-6176198-\$ or US-6019843-\$ or US-6016765-\$ or US-5906683-\$ or US-5900103-\$ or US-5398812-\$ or US-6050446-\$ or US-6009667-\$ or US-4475977-\$ or US-6278610-\$ or US-6263542-\$ or US-5932295-\$ or US-5562473-\$).did. or (US-5407361-\$ or US-5072257-\$ or US-5731678-\$ or US-5168887-\$ or US-5980706-\$ or US-5985126-\$ or US-6001234-\$ or US-6203582-\$ or US-6358388-\$ or US-5232511-\$ or US-6565662-\$ or US-6194733-\$ or US-6198299-\$ or US-4416102-\$).did. or (US-20020108571-\$ or US-20020117262-\$ or US-20020007785-\$ or US-20010045262-\$ or US-20030102085-\$ or US-20020011268-\$).did. or (JP-03135775-\$).did. or (US-20020117262-\$ or US-20010006094-\$ or KR-2002008651-\$ or JP-10175695-\$ or EP-349771-\$).did.) and ((cover lid) with target)	US-PGPUB; USPAT	OR	ON	2003/06/20 17:12
S40	107	"118"/\$.ccds. and ((cover lid) with target)	US-PGPUB; USPAT	OR	ON	2003/06/20 17:32
S41	1	"5487822".PN.	USPAT	OR	OFF	2003/06/20 19:24
S42	1294	118/715.ccds. and (lid cover closure top)	US-PGPUB; USPAT	OR	ON	2003/06/22 17:00

EAST Search History

S43	36	118/715.ccls. and ((lid cover closure top) with hinge)	US-PGPUB; USPAT	OR	ON	2003/06/22 17:00
S44	40	118/715.ccls. and ((lid cover closure top) same hinge)	US-PGPUB; USPAT	OR	ON	2003/06/22 17:00
S45	5	rosenstein-michael-\$.in. shenderovich-alex-\$.in. schweitzer-marc-o\$.in. lavitsky-ilya-\$.in. lau-alvin-\$.in. feltsman-michael-\$.in.	US-PGPUB; USPAT	OR	ON	2003/11/21 15:30
S46	1	"4740267".PN.	USPAT	OR	OFF	2003/11/21 15:30
S47	1128	(118/726).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/11/21 15:32
S48	2113	(118/715).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/11/21 15:32
S49	61	(US-6565662-\$ or US-6469448-\$ or US-6432203-\$ or US-6409896-\$ or US-6344419-\$ or US-6221221-\$ or US-6098637-\$ or US-6051113-\$ or US-6042707-\$ or US-5942042-\$ or US-5863396-\$ or US-5803970-\$ or US-5518593-\$ or US-6035804-\$ or US-5912555-\$ or US-6523563-\$ or US-6517634-\$ or US-6371174-\$ or US-6273955-\$ or US-6264788-\$ or US-6183563-\$ or US-6176198-\$ or US-6019843-\$ or US-6016765-\$ or US-5906683-\$ or US-5900103-\$).did. or (US-5398812-\$ or US-6050446-\$ or US-6009667-\$ or US-4475977-\$ or US-6278610-\$ or US-6263542-\$ or US-5932295-\$ or US-5562473-\$ or US-5407361-\$ or US-5072257-\$ or US-5731678-\$ or US-5232511-\$ or US-5168887-\$ or US-6358388-\$ or US-6203582-\$ or US-6001234-\$ or US-5985126-\$ or US-5980706-\$ or US-6198299-\$ or US-6194733-\$ or US-4416102-\$).did. or (US-20020189940-\$ or US-20020108571-\$ or US-20020117262-\$ or US-20020007785-\$ or US-20010045262-\$ or US-20030102085-\$ or US-20020011268-\$ or US-20030131794-\$).did. or (JP-03135775-\$).did. or (US-20020117262-\$ or US-20010006094-\$ or KR-2002008651-\$ or JP-10175695-\$ or EP-349771-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/11/21 15:43
S50	19	((US-6565662-\$ or US-6469448-\$ or US-6432203-\$ or US-6409896-\$ or US-6344419-\$ or US-6221221-\$ or US-6098637-\$ or US-6051113-\$ or US-6042707-\$ or US-5942042-\$ or US-5863396-\$ or US-5803970-\$ or US-5518593-\$ or US-6035804-\$ or US-5912555-\$ or US-6523563-\$ or US-6517634-\$ or US-6371174-\$ or US-6273955-\$ or US-6264788-\$ or US-6183563-\$ or US-6176198-\$ or US-6019843-\$ or US-6016765-\$ or US-5906683-\$ or US-5900103-\$).did. or (US-5398812-\$ or US-6050446-\$ or US-6009667-\$ or US-4475977-\$ or US-6278610-\$ or US-6263542-\$ or US-5932295-\$ or US-5562473-\$ or US-5407361-\$ or US-5072257-\$ or US-5731678-\$ or US-5232511-\$ or US-5168887-\$ or US-6358388-\$ or US-6203582-\$ or US-6001234-\$ or US-5985126-\$ or US-5980706-\$ or US-6198299-\$ or US-6194733-\$ or US-4416102-\$).did. or (US-20020189940-\$ or US-20020108571-\$ or US-20020117262-\$ or US-20020007785-\$ or US-20010045262-\$ or US-20030102085-\$ or US-20020011268-\$ or US-20030131794-\$).did. or (JP-03135775-\$).did. or (US-20020117262-\$ or US-20010006094-\$ or KR-2002008651-\$ or JP-10175695-\$ or EP-349771-\$).did.) and motor	US-PGPUB; USPAT	OR	ON	2003/11/21 15:43
S65	1	("6776848").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/27 18:22

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5731678").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/17 22:33
L2	32	rosenstein-michael.in. shenderovich-alex.in. schweitzer-marc.in. lavitsky-ilya.in. lau-alvin.in. feltsman-michael.in.	US-PGPUB; USPAT	OR	ON	2006/03/17 22:34
L3	4	2 and hinge	US-PGPUB; USPAT	OR	ON	2006/03/17 22:35
L4	64	(US-20020117262-\$ or US-20020011268-\$ or US-20010045262-\$ or US-20030102085-\$ or US-20020007785-\$ or US-20030131794-\$ or US-20020189940-\$ or US-20020108571-\$ or US-20040173162-\$).did. or (US-5980706-\$ or US-5168887-\$ or US-5562473-\$ or US-6198299-\$ or US-6203582-\$ or US-5912555-\$ or US-6194733-\$ or US-5985126-\$ or US-6050446-\$ or US-4416102-\$ or US-6776848-\$ or US-5906683-\$ or US-6263542-\$ or US-5731678-\$ or US-5232511-\$ or US-5072257-\$ or US-5407361-\$ or US-5398812-\$ or US-6019843-\$ or US-6016765-\$ or US-6517634-\$ or US-4475977-\$ or US-6001234-\$ or US-6176198-\$ or US-6183563-\$ or US-6035804-\$).did. or (US-6371174-\$ or US-6273955-\$ or US-6523563-\$ or US-6278610-\$ or US-5900103-\$ or US-5932295-\$ or US-6264788-\$ or US-6358388-\$ or US-6098637-\$ or US-5942042-\$ or US-5863396-\$ or US-6409896-\$ or US-6051113-\$ or US-5487822-\$ or US-6432203-\$ or US-5803970-\$ or US-6042707-\$ or US-5518593-\$ or US-6344419-\$ or US-6221221-\$ or US-6009667-\$ or US-6565662-\$ or US-6469448-\$).did. or (JP-03135775-\$).did. or (KR-2002008651-\$ or JP-10175695-\$ or EP-349771-\$ or US-20020117262-\$ or US-20010006094-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/03/17 22:38
S1	73	156/345.\$..ccls. and (hinge same (lid cover))	US-PGPUB; USPAT	OR	ON	2004/03/31 15:10
S2	555	(204/298.12).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/31 15:36
S3	0	S2 and (hinge with (lid cover))	US-PGPUB; USPAT	OR	ON	2004/03/31 15:36
S4	6	S2 and (hinge)	US-PGPUB; USPAT	OR	ON	2004/03/31 15:36
S5	1082	(118/726).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/11/21 15:31
S6	6	((118/726).CCLS.) and (target with (lid cover))	US-PGPUB; USPAT	OR	ON	2004/03/31 15:08
S7	226	"118"/\$.ccls. and (hinge with (lid cover))	US-PGPUB; USPAT	OR	ON	2003/06/19 18:06
S8	107	"118"/\$.ccls. and (target with (lid cover))	US-PGPUB; USPAT	OR	ON	2003/06/19 18:06
S9	0	"6565662".URPN.	USPAT	OR	ON	2003/06/19 18:18
S10	2	("5912555" "6035804").PN.	USPAT	OR	ON	2003/06/19 18:18
S11	270	"118"/\$.ccls. and (hinge same (lid cover))	US-PGPUB; USPAT	OR	ON	2003/06/19 18:59
S12	3	("5565034" "5591262" "5762708").PN.	USPAT	OR	ON	2003/06/19 18:40
S13	4	"6019843".URPN.	USPAT	OR	ON	2003/06/19 18:41
S14	12	("1101521" "1181403" "3593365" "4839941" "5068765" "5350479" "5784749" "5873149" "6009667" "6047445" "6050446" "6273955").PN.	USPAT	OR	ON	2003/06/19 18:50

EAST Search History

S15	23	(156/345\$.ccls. and (hinge same (lid cover))) not ("118"/\$.ccls. and (hinge same (lid cover)))	US-PGPUB; USPAT	OR	ON	2003/06/19 19:07
S16	4	c23c016\$.ipc. and (hinge same (lid cover))	EPO; JPO; DERWENT	OR	ON	2003/06/19 18:58
S17	15	c23c016\$.ipc. and (target same (lid cover))	EPO; JPO; DERWENT	OR	ON	2003/06/19 18:57
S18	71	(hinge same (lid cover) same (substrate wafer semiconductor) same (chamber body))	EPO; JPO; DERWENT	OR	ON	2003/06/19 18:59
S19	185	(hinge same (lid cover) same (substrate wafer semiconductor) same (chamber body))	US-PGPUB; USPAT	OR	ON	2003/06/19 19:07
S20	124	((hinge same (lid cover) same (substrate wafer semiconductor) same (chamber body))) not ((156/345\$.ccls. and (hinge same (lid cover))) ("118"/\$.ccls. and (hinge same (lid cover))))	US-PGPUB; USPAT	OR	ON	2003/06/19 19:08
S21	27	("3789875" "4340462" "4355937" "4483654" "4593915" "4650207" "4715764" "4721282" "4747577" "4753417" "4795299" "4804086" "4917556" "5002255" "5003347" "5072257" "5076205" "5100276" "5120019" "5150882" "5383338" "5667197" "5697749" "5769952" "5771540" "5787549" "5902088").PN.	USPAT	OR	ON	2003/06/19 19:18
S22	0	"6263542".URPN.	USPAT	OR	ON	2003/06/19 19:20
S23	1	("6263542").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/06/20 10:50
S24	14	("1033448" "2070663" "2923430" "3195873" "3269587" "4169538" "4516689" "4788999" "4853985" "4951601" "4961601" "5205532" "5513768" "5731678").PN.	USPAT	OR	ON	2003/06/20 11:02
S25	21	("5004399" "5046914" "5061144" "5168886" "5168887" "5180273" "5202716" "5224503" "5232511" "5235995" "5238500" "5301700" "5332445" "5339128" "5442416" "5445172" "5500081" "5544421" "5547515" "5566076" "5642298").PN.	USPAT	OR	ON	2003/06/20 11:04
S26	14	("4161356" "4339297" "4429983" "4457419" "4519846" "4588185" "4601627" "4651440" "4724317" "4788994" "4856641" "4871417" "4923054" "4960406").PN.	USPAT	OR	ON	2003/06/20 11:05
S27	18	"5168887".URPN.	USPAT	OR	ON	2003/06/20 11:06
S28	14	("4161356" "4339297" "4429983" "4457419" "4519846" "4588185" "4601627" "4651440" "4724317" "4788994" "4856641" "4871417" "4923054" "4960406").PN.	USPAT	OR	ON	2003/06/20 11:07
S29	1	("6565662").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/06/20 11:45
S30	2	("5912555" "6035804").PN.	USPAT	OR	ON	2003/06/20 11:30
S31	1	("6273955").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/06/20 15:02
S32	59630	(lid closure top cover) with (locat\$3 align\$4) with (pin dowel shaft device structure)	US-PGPUB; USPAT	OR	ON	2003/06/20 15:05
S33	1188	(lid closure top cover) with (locat\$3 align\$4) with (pin dowel shaft) with chamber	US-PGPUB; USPAT	OR	ON	2003/06/20 15:06
S34	30637	(lid closure top cover) with (locat\$3 align\$4) with (pin dowel shaft) with bushing with chamber	US-PGPUB; USPAT	OR	ON	2003/06/20 15:07
S35	27	(lid closure top cover) with (locat\$3 align\$4) with (pin dowel shaft guide) with bushing with chamber	US-PGPUB; USPAT	OR	ON	2003/06/20 15:56
S36	12	(expand\$3 adjust\$3) with (slit) with (pin dowel shaft guide) with bushing	US-PGPUB; USPAT	OR	ON	2003/06/20 15:57

EAST Search History

S37	52	(US-6432203-\$ or US-6409896-\$ or US-6098637-\$ or US-5803970-\$ or US-5518593-\$ or US-6035804-\$ or US-5912555-\$ or US-6523563-\$ or US-6517634-\$ or US-6371174-\$ or US-6273955-\$ or US-6264788-\$ or US-6183563-\$ or US-6176198-\$ or US-6019843-\$ or US-6016765-\$ or US-5906683-\$ or US-5900103-\$ or US-5398812-\$ or US-6050446-\$ or US-6009667-\$ or US-4475977-\$ or US-6278610-\$ or US-6263542-\$ or US-5932295-\$ or US-5562473-\$).did. or (US-5407361-\$ or US-5072257-\$ or US-5731678-\$ or US-5168887-\$ or US-5980706-\$ or US-5985126-\$ or US-6001234-\$ or US-6203582-\$ or US-6358388-\$ or US-5232511-\$ or US-6565662-\$ or US-6194733-\$ or US-6198299-\$ or US-4416102-\$).did. or (US-20020108571-\$ or US-20020117262-\$ or US-20020007785-\$ or US-20010045262-\$ or US-20030102085-\$ or US-20020011268-\$).did. or (JP-03135775-\$).did. or (US-20020117262-\$ or US-20010006094-\$ or KR-2002008651-\$ or JP-10175695-\$ or EP-349771-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/06/20 17:11
S38	10	((US-6432203-\$ or US-6409896-\$ or US-6098637-\$ or US-5803970-\$ or US-5518593-\$ or US-6035804-\$ or US-5912555-\$ or US-6523563-\$ or US-6517634-\$ or US-6371174-\$ or US-6273955-\$ or US-6264788-\$ or US-6183563-\$ or US-6176198-\$ or US-6019843-\$ or US-6016765-\$ or US-5906683-\$ or US-5900103-\$ or US-5398812-\$ or US-6050446-\$ or US-6009667-\$ or US-4475977-\$ or US-6278610-\$ or US-6263542-\$ or US-5932295-\$ or US-5562473-\$).did. or (US-5407361-\$ or US-5072257-\$ or US-5731678-\$ or US-5168887-\$ or US-5980706-\$ or US-5985126-\$ or US-6001234-\$ or US-6203582-\$ or US-6358388-\$ or US-5232511-\$ or US-6565662-\$ or US-6194733-\$ or US-6198299-\$ or US-4416102-\$).did. or (US-20020108571-\$ or US-20020117262-\$ or US-20020007785-\$ or US-20010045262-\$ or US-20030102085-\$ or US-20020011268-\$).did. or (JP-03135775-\$).did. or (US-20020117262-\$ or US-20010006094-\$ or KR-2002008651-\$ or JP-10175695-\$ or EP-349771-\$).did.) and target	US-PGPUB; USPAT	OR	ON	2003/06/20 17:12
S39	7	((US-6432203-\$ or US-6409896-\$ or US-6098637-\$ or US-5803970-\$ or US-5518593-\$ or US-6035804-\$ or US-5912555-\$ or US-6523563-\$ or US-6517634-\$ or US-6371174-\$ or US-6273955-\$ or US-6264788-\$ or US-6183563-\$ or US-6176198-\$ or US-6019843-\$ or US-6016765-\$ or US-5906683-\$ or US-5900103-\$ or US-5398812-\$ or US-6050446-\$ or US-6009667-\$ or US-4475977-\$ or US-6278610-\$ or US-6263542-\$ or US-5932295-\$ or US-5562473-\$).did. or (US-5407361-\$ or US-5072257-\$ or US-5731678-\$ or US-5168887-\$ or US-5980706-\$ or US-5985126-\$ or US-6001234-\$ or US-6203582-\$ or US-6358388-\$ or US-5232511-\$ or US-6565662-\$ or US-6194733-\$ or US-6198299-\$ or US-4416102-\$).did. or (US-20020108571-\$ or US-20020117262-\$ or US-20020007785-\$ or US-20010045262-\$ or US-20030102085-\$ or US-20020011268-\$).did. or (JP-03135775-\$).did. or (US-20020117262-\$ or US-20010006094-\$ or KR-2002008651-\$ or JP-10175695-\$ or EP-349771-\$).did.) and ((cover lid) with target)	US-PGPUB; USPAT	OR	ON	2003/06/20 17:12
S40	107	"118"/\$.ccls. and ((cover lid) with target)	US-PGPUB; USPAT	OR	ON	2003/06/20 17:32
S41	1	"5487822".PN.	USPAT	OR	OFF	2003/06/20 19:24
S42	1294	118/715.ccls. and (lid cover closure top)	US-PGPUB; USPAT	OR	ON	2003/06/22 17:00

EAST Search History

S43	36	118/715.ccls. and ((lid cover closure top) with hinge)	US-PGPUB; USPAT	OR	ON	2003/06/22 17:00
S44	40	118/715.ccls. and ((lid cover closure top) same hinge)	US-PGPUB; USPAT	OR	ON	2003/06/22 17:00
S45	5	rosenstein-michael-\$.in. shenderovich-alex-\$.in. schweitzer-marc-o\$.in. lavitsky-ilya-\$.in. lau-alvin-\$.in. feltsman-michael-\$.in.	US-PGPUB; USPAT	OR	ON	2003/11/21 15:30
S46	1	"4740267".PN.	USPAT	OR	OFF	2003/11/21 15:30
S47	1128	(118/726).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/11/21 15:32
S48	2113	(118/715).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/11/21 15:32
S49	61	(US-6565662-\$ or US-6469448-\$ or US-6432203-\$ or US-6409896-\$ or US-6344419-\$ or US-6221221-\$ or US-6098637-\$ or US-6051113-\$ or US-6042707-\$ or US-5942042-\$ or US-5863396-\$ or US-5803970-\$ or US-5518593-\$ or US-6035804-\$ or US-5912555-\$ or US-6523563-\$ or US-6517634-\$ or US-6371174-\$ or US-6273955-\$ or US-6264788-\$ or US-6183563-\$ or US-6176198-\$ or US-6019843-\$ or US-6016765-\$ or US-5906683-\$ or US-5900103-\$).did. or (US-5398812-\$ or US-6050446-\$ or US-6009667-\$ or US-4475977-\$ or US-6278610-\$ or US-6263542-\$ or US-5932295-\$ or US-5562473-\$ or US-5407361-\$ or US-5072257-\$ or US-5731678-\$ or US-5232511-\$ or US-5168887-\$ or US-6358388-\$ or US-6203582-\$ or US-6001234-\$ or US-5985126-\$ or US-5980706-\$ or US-6198299-\$ or US-6194733-\$ or US-4416102-\$).did. or (US-20020189940-\$ or US-20020108571-\$ or US-20020117262-\$ or US-20020007785-\$ or US-20010045262-\$ or US-20030102085-\$ or US-20020011268-\$ or US-20030131794-\$).did. or (JP-03135775-\$).did. or (US-20020117262-\$ or US-20010006094-\$ or KR-2002008651-\$ or JP-10175695-\$ or EP-349771-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/11/21 15:43
S50	19	((US-6565662-\$ or US-6469448-\$ or US-6432203-\$ or US-6409896-\$ or US-6344419-\$ or US-6221221-\$ or US-6098637-\$ or US-6051113-\$ or US-6042707-\$ or US-5942042-\$ or US-5863396-\$ or US-5803970-\$ or US-5518593-\$ or US-6035804-\$ or US-5912555-\$ or US-6523563-\$ or US-6517634-\$ or US-6371174-\$ or US-6273955-\$ or US-6264788-\$ or US-6183563-\$ or US-6176198-\$ or US-6019843-\$ or US-6016765-\$ or US-5906683-\$ or US-5900103-\$).did. or (US-5398812-\$ or US-6050446-\$ or US-6009667-\$ or US-4475977-\$ or US-6278610-\$ or US-6263542-\$ or US-5932295-\$ or US-5562473-\$ or US-5407361-\$ or US-5072257-\$ or US-5731678-\$ or US-5232511-\$ or US-5168887-\$ or US-6358388-\$ or US-6203582-\$ or US-6001234-\$ or US-5985126-\$ or US-5980706-\$ or US-6198299-\$ or US-6194733-\$ or US-4416102-\$).did. or (US-20020189940-\$ or US-20020108571-\$ or US-20020117262-\$ or US-20020007785-\$ or US-20010045262-\$ or US-20030102085-\$ or US-20020011268-\$ or US-20030131794-\$).did. or (JP-03135775-\$).did. or (US-20020117262-\$ or US-20010006094-\$ or KR-2002008651-\$ or JP-10175695-\$ or EP-349771-\$).did.) and motor	US-PGPUB; USPAT	OR	ON	2003/11/21 15:43
S65	1	("6776848").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/27 18:22